

Amendments to the Claims:

Claims 1-15 (canceled)

Claim 16 (previously presented) The method of claim 14, wherein the cell is a somatic cell, and the somatic cell or the nucleus of the somatic cell is introduced into an oocyte.

Claim 17 (previously presented) A milk preparation obtained from a transgenic mammal whose genome contains a nucleic acid sequence encoding at least one PDGF chain operably linked to a promoter which directs expression in mammary epithelial cells, wherein the PDGF chain is expressed in the mammary epithelial cells the transgenic mammal and wherein at least 30% of the PDGF in the milk is present as a dimer.

Claim 18 (previously presented) The milk preparation of claim 17, wherein the PDGF chain is the PDGF A chain and at least 30% of the PDGF is present in the milk is as a PDGF-AA homodimer.

Claim 19 (previously presented) The milk preparation of claim 17, wherein the PDGF chain is the PDGF B chain and at least 30% of the PDGF is present in the milk is as a PDGF-BB homodimer.

Claim 20 (previously presented) The milk preparation of claim 17, wherein the genome of the transgenic mammal comprises a nucleic acid sequence encoding a PDGF A chain under the control of a promoter which directs expression in mammary epithelial cells and a nucleic acid sequence encoding a PDGF B chain under the control of a promoter which directs expression in mammary epithelial cells.

Claim 21 (previously presented) The milk preparation of claim 20, wherein at least 30% of the PDGF present in the milk is as a PDGF-AB heterodimer.

Claim 22 (previously presented) The milk preparation of claim 17, wherein the PDGF is human PDGF.

Claim 23 (previously presented) The milk preparation of claim 17, wherein the transgenic mammal is a goat.

Claim 24 (previously presented) The milk preparation of claim 17, wherein the milk preparation comprises at least 1 mg/ml PDGF.

Claim 25 (previously presented) An isolated nucleic acid comprising a nucleic acid sequence encoding a biologically active PDGF or a homolog thereof operatively linked to a regulatory sequence capable of directing the expression of PDGF in the mammary gland of non-human transgenic mammals.

Claim 26 (previously presented) The nucleic acid of claim 25, wherein the nucleic acid sequence encodes a PDGF A chain.

Claim 27 (previously presented) The nucleic acid of claim 25, wherein the nucleic acid sequence encodes a PDGF B chain.

Claim 28 (previously presented) The nucleic acid of claim 26, wherein the nucleic acid sequence further encodes a PDGF B chain.

Claim 29 (previously presented) The nucleic acid of claim 25, wherein the nucleic acid sequence coding for PDGF is mono- or dicistronic.

Claim 30 (previously presented) The nucleic acid of claim 25, wherein the nucleic acid sequence is dicistronic.

Claim 31 (previously presented) The nucleic acid of claim 25, wherein the nucleic acid comprises the expression cassette BC7O1 or BC734.